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L1	178	(antimony or sb) near2 catalyst and polyester and melt\$4 and phase and polycondens\$6 and atmospher\$4 near pressure and (degree or temperature) and (viscosit\$4 or iv) and (color or b)	USPAT; USOCR; FPRS; EPO; JPO; DERWEN T	OR	ON	2007/11/15 13:01
L2	29	(antimony or sb) near2 catalyst and polyester and melt\$4 and phase and polycondens\$6 and (low or sub) near2 atmospher\$4 near pressure	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T	OR	ON	2007/11/15 13:01
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L4	7	(antimony or sb) near20 catalyst and polyester and melt\$4 and phase and polycondens\$6 and (sub) near2 atmospher\$4 near2 pressure and (degree or temperature)	USPAT; USOCR; FPRS; EPO; JPO; DERWEN T	OR	ON	2007/11/15 13:01
L5	4	(antimony or sb) near2 catalyst and polyester and melt\$4 and phase and polycondens\$6 and (sub) near2 atmospher\$4 near2 pressure and (degree or temperature)	USPAT; USOCR; FPRS; EPO; JPO; DERWEN T	OR	ON	2007/11/15 13:02

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High clarity polyester containing sub-visual antimony phosphate ...

In the first stage of the **melt-phase** process, a mixture of **polyester** monomer Then the **antimony catalyst** (22 mL, 1.0 wt/vol % of **Sb** as **antimony** ...

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High IV melt phase polyester polymer catalyzed with antimony ...

Polyester polymer **melt phase** pellets containing **antimony** residues and having an ... C. to 305. **degree. C.** or at **sub-atmospheric pressure** or a combination ...

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Thermally stable polyester, process for its preparation and its ...

The prior art prefers the use of an **antimony** compound, such as **Sb₂O₃**, For this, the **pressure** is lowered to a **subatmospheric pressure** of from 0.2 to ...

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Apparatus and process for a polycondensation reaction - US Patent ...

Atmospheric pressure processes employing an inert gas have been disclosed

Antimony trioxide (**Sb₂O₃**) is an especially effective **catalyst** which may be ...

www.patentstorm.us/patents/5856423-description.html - 66k -

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(WO/2007/035256) ALUMINUM CONTAINING POLYESTER POLYMERS HAVING LOW ...

d) if the **polyester melt** is present in a **melt phase** polymerization and at **sub-atmospheric pressure** of between about 350 mmHg to 0.2 mm Hg. The ...

www.wipo.int/pctdb/en/wo.jsp?IA=WO2007035256&wo=2007035256&DISPLAY=DESC -

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(WO/2005/035610) THERMAL CRYSTALLIZATION OF POLYESTER PELLETS IN ... - Nov 14

Polyester melt phase manufacturing processes include direct condensation of a

anywhere from **sub-atmospheric**, e. g. 1 psia, for such low vapor **pressure** ...

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patents-database - Polyester resin, molded product made thereof ...

Here, the amount of elution as **antimony** atoms (**Sb**) is one obtained by heating ... the case of a **melt polycondensed** resin, and, in the case of a solid **phase** ...

patents-database.org/P/4238/Polyester_resin_molded_product_made_thereof_and_process_for_production_of_pol... -

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Copolyester of polyethylene terephthalate and sulfonyl diphenol ...

The reaction is generally conducted under **atmospheric pressure** and at a **temperature** of from about 160.**degree**. C. to about 225.**degree**. C. ...

www.patentgenius.com/patent/4436893.html - 59k - [Cached](#) - [Similar pages](#) - [Note this](#)

Preparation of cellular polyurethanes

C., and introduced into the open or closed mold at **atmospheric pressure** or superatmospheric **pressure**. The mold **temperature** is expediently from 20.**degree**. to ...

www.patentalpha.com/.../preparation_cellular_polyurethanes_5578653.html - 137k -

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"HydrocarbonsBTX aromatics; Paraffins-->Hydrocarbons". In ...

be regulated by the amount of **catalyst**. A high. partial **pressure** of ethylene is required for high occurs at low **temperature** in the liquid **phase** by ...

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group facilitates the introduction of further **sub-**stituents into the same ring. ters the fiber via its solution **phase**. The **polyester** ...

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and **pressure** and **temperature** are elevated, i. e. the environment of the CRM's such as Te and **Sb** at **sub** ppm level in copper (European Reference ...

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[High clarity polyester containing sub-visual antimony phosphate ...](#)

In the first stage of the **melt-phase** process, a mixture of **polyester** monomer 459 mL) and the **antimony catalyst** (22 mL, 1.0 wt/vol % of **Sb** as **antimony** ...

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[Polyester resin, molded product made thereof and process for ...](#)

A **polyester** resin produced by **polycondensing** a dicarboxylic acid component containing an ... crystallization **temperature** **Tc.sub.2** is from 150 to 200 **degree**. ...

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